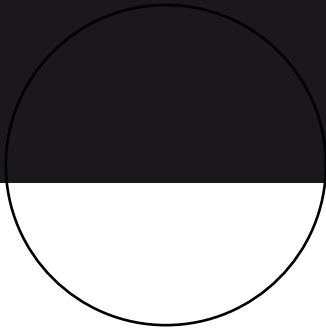




Erik Nomitch

Senior Software Engineer • [full-stack, systems, AI]

erik@nomitch.com (415) 871-4048 Chicago, IL erik.is

Profiles

Personal

erik.is

X / Twitter

[@eriknomitch](https://twitter.com/eriknomitch)

LinkedIn

[eriknomitch](https://www.linkedin.com/in/eriknomitch)

GitHub

[eriknomitch](https://github.com/eriknomitch)

Skills

Full-Stack Web Development

React, Next.js, TypeScript, Python, Ruby on Rails, Node.js, RESTful APIs, UI/UX Design, GraphQL, WebSockets, SQL, PostgreSQL, FastAPI, HTML, API, MongoDB, NoSQL, Shadcn, shadcn/ui, Tailwind, Tailwind CSS

AI & ML

LLM Integration, Advanced Prompt Engineering, Generative AI, GPT-4, LangChain, Autonomous Agents, AI Pipeline Design, Conversational AI, OpenAI, Anthropic, LangFuse, LiteLLM, PromptLayer

Cloud & DevOps

AWS, Google Cloud Platform, Docker, Kubernetes, Linux, Server Orchestration, Microservices Architecture, Terraform, Continuous Integration, CI, CD

Additional Expertise

Software Architecture, Version Control (Git), Jupyter Notebooks, Technical Writing, Advanced Databases, Jr. Developer Mentorship, Developer Team Management

Patents

Audio Sampling

System for using audio samples in an audio bank

<https://link.erik.is/patent>

Summary

Software Engineer with over 15 years of experience in **full-stack web development, systems engineering, and AI**. Specializes in integrating AI into practical applications and developing comprehensive software solutions. Proven track record of deep development skills across multiple fields, with success in both collaborative team environments and independent projects. Forward-thinking, including early work with LLMs and novel architectures. Flexibility from rapid prototyping to large production codebases.

Experience

Turing Systems

Chicago, IL

Head Engineer

January 2018 – Present

Provide high-level technical leadership and strategic direction for multiple startups. Offer consulting services for developing solutions for clients in the areas of full-stack web development, AI, and ML integration. Notable projects:

Bridge Health AI (September 2024 - October 2024)

Advised and developed in a contract position for a fully funded stealth startup

- Established a robust foundation for growth and scalability of their product
- Provided strategic guidance on technical architecture and implementation

StoryMagic.ai (January 2023 - July 2023)

Leading technology strategy and development for personalized storytelling through LLMs

- **TypeScript, React, Next.js, Python, LLM integration, Prompt Engineering, UI/UX**
- Built a working MVP to generate high quality stories customized for individual children
- Frontend (mobile web app) and backend (stack with advanced LLM integration)

MapBlocks (MLW AI, Inc.) (January 2018 - January 2023)

Created a full-stack Jupyter style IDE called MapBlocks (long-term client work) running on a Kubernetes cluster using microservices

- **TypeScript, React, Python, Kubernetes, Scaffold, Helm, GCP, Neo4j, JupyterHub, UI/UX**
- Specialized in machine learning software, integrating data scientists' way of thinking with a ground-up end-user application (MapBlocks)
- Utilized full-stack web development skills to build a novel web IDE with a custom VCS tailored towards ML thinking

Turing.systems

Hunt Club

Chicago, IL

Software Engineer

July 2016 – February 2018

Developed and maintained essential features for a professional networking and recruitment platform

- **Ruby on Rails, React, DevOps, CoffeeScript, Chrome Extension (JS), Heroku**
- Lead a mid-sized team on HuntClub's core product(s)
- Created custom deployment tools and an internal Chrome Extension to enhance productivity.

HuntClub.com

Prelang

Chicago, IL

Technical Co-Founder & Lead Developer

September 2013 – July 2016

Developed an advanced web interface to generate Ruby on Rails codebases

- **Ruby on Rails, Metaprogramming, Automation, UI/UX, Backbone.js**
- Core engineer of full-stack development, including UI/UX design, frontend/backend, and server administration.
- Attracted ~16,000 users within the first 24 hours of beta release.

Prelang.com

Meta (Automation Intelligence)

San Francisco Bay Area

Technical Co-Founder & Lead Developer

January 2010 – June 2011

Pioneered a novel Wi-Fi-based home automation cloud-control architecture which is now standard practice

- **Common Lisp, C/C++, Wi-Fi, Cloud Automation, Microcontrollers**
- Integrated cross-domain expertise to develop a seamless, end-to-end home automation solution.
- Designed a low-level 802.11 chip that was connected to a cloud backend including a set of custom dev tools for a complete platform

Fantravel

San Francisco Bay Area

Lead Developer & Designer

July 2011 – September 2013

As Lead Developer & Designer at Fantravel.com, I developed a customizable trip-building platform for sports fans, handling both frontend and backend coding, and managing server administration to ensure reliability and scalability.

<https://www.fantravel.com>

Education

Illinois Tech

Computer Science

Chicago, IL

2007 – 2008